Data Sheet (Cat.No.T17316)



α-Lipoic acid-NHS

Chemical Properties

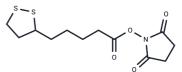
CAS No.: 40846-94-4

Formula: C12H17NO4S2

Molecular Weight: 303.4

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	α -Lipoic acid-NHS is an alkyl/ether-based PROTAC linker utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

90	1mg	5mg	10mg	
1 mM	3.296 mL	16.4799 mL	32.9598 mL	
5 mM	0.6592 mL	3.296 mL	6.592 mL	
10 mM	0.3296 mL	1.648 mL	3.296 mL	
50 mM	0.0659 mL	0.3296 mL	0.6592 mL	

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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